



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Johannes Benedikt et al.

Docket Number: 107687.00019

(ABEL-0007)

Serial No.:

10/565,519

Art Unit: Not Yet Assigned

Filed:

January 23, 2006

Examiner: Not Yet Assigned

For:

HIGH FREQUENCY CIRCUIT

ANALYSER

## INFORMATION DISCLOSURE STATEMENT

Mail Stop: AMENDMENT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

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MAILING CERTIFICATE UNDER 37 C.F.R. §1.8(A)
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Joan B. Varragher

In accordance with the requirements of 37 C.F.R. §§ 1.97 and 1.98, attached please find a Form PTO/SB/08A listing information for consideration by the Office in connection with its examination of the above-captioned patent application. Copies of the foreign patents and articles are enclosed herein.

Applicants submit that no representation is made, and no representation is intended, that more relevant material does not exist, or that the order of presentation of these materials in any way reflects their relative pertinence. The listing on the attached Form PTO/SB/08A is not intended to constitute an admission of any kind. Specifically, this presentation is not an admission that any of the items listed are properly citable against the above-identified application as prior art.

Applicants respectfully submit that their invention is patentable over the enclosed documents listed on Form PTO/SB/08A.

This Information Disclosure Statement is being filed prior to the issuance of the first Office Action.

No fee is believed to be due with the filing of this Information Disclosure Statement. However, the Commissioner of Patent and Trademarks is hereby authorized to charge any deficiency or to credit any fee overpayment relating to this matter to Deposit Account No. 50-1752.

Respectfully submitted,

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Date: June 14, 2006

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JUN 1 6 2006 Substitute for Form 1449A/PTo INFORMATION DISCLOSUM

Complete If Known **Application Number** 10/565,519 Filing Date January 23, 2006 First Named Inventor Johannes Benedikt Group Art Unit Not Yet Assigned Examiner Name Not Yet Assigned

STATEMENT BY APPLICAN (use as many sheets as necessary)

Sheet Attorney Docket No. 107687.00019 (ABEL-0007)

U.S. PATENT DOCUMENTS							
Exam. Initials*	Cite No.1	U.S. Patent Document		Name of Patentee	Date of Pub.	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures	
		Number	Kind Code <sup>2</sup> (if known)	of Applicant of Cited Doc.	Of Cited Doc. (mm-dd-yyyy)	Appear	
	AA	6,479,977		Mordkovich	11/12/2002		
	AB	6,509,743		Ferrero	01/21/2003		
	AC	6,204,673		Andeen et al.	03/20/2001		
	AD	10/565,519				A prior art active load pull circuit as shown in Figure 1 of the present application and described on pg. 1, line 30 to pg. 3, line 5 of the presen application.	
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	AF		· · · · · · · · · · · · · · · · · · ·				
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					FOREIGN PATENT DOCUM	IENTS	,	
Exam. Initials*	Cite No.1	Foreign Patent Document			Name of Patentee	Date of Pub.	Pages Columns Lines Where Belovest	T
		Office <sup>3</sup>	Number⁴	Kind Code <sup>2</sup> (if known)	of Applicant of Cited Doc.	of Cited Doc. (mm-dd-yyyy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁵
	BA	GB	2382662		Univ. College Cardiff Consultants Ltd.	06/04/2003		
	BB	JP	2002318256		Mitsubishi Electric Corp.	10/31/2002		
	BC	GB Search Report	0317349.9					
	BD	PCT Search Rpt	PCT/US2004 /003245		,			
	BE							T
	BF							
	BG							T
	ВН							1

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Exam. Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	FERRERO et al., "Recent Technological Advances for Modular Active Harmonic Load-Pull Measurement Systems," CONFERENCE PROCEEDINGS MILLER FREEMAN LONDON, UK, 5 Oct. 1999, 4 pgs., (XP-002303785)	
	СВ	WILLIAMS et al., "A Study of the Effect of Envelope Impedance on Intermodulation Asymmetry Using a Two-tone Time Domain Measurement System," IEE MTT S INT MICROWAVE SYMP DIG' IEEE MTT-S INT'L MICROWAVE SYMPOSIUM DIGEST 2002, vol. 3, 2002, 4pgs. (XP-002303884)	
	CC	Print-out of part of a website by Focus Microwaves, Inc. (url http://www.focus-microwaves.com/FAQs/FAQ_Links/basics.htm)	
	CD	ROTELLA et al., "Harmonic Balance Device Analysis of an LDMOS RF Power Amplifier with Parasitics and Matching Network," PROCEEDINGS OF THE 1999 PARTICLE ACCELERATOR CONFERENCE, New York, 1999, 8 pgs.	
	CE	CORREDOURA, "Architecture and Performance of the PEP-II Low-Level RF System, PROCEEDINGS OF THE 1999 PARTICLE ACCELERATOR CONFERENCE, New York, 1999, 5 pgs.	
	CF	Agilent PN 89400-8. Using Vector Modulation Analysis in the Integration, Troubleshooting, and Design of Digital RF Communications Systems. Product note. 29 pgs.	
	CG	BENEDIKT et al., "High-Power Time-Domain Measurement Bench for Power Amplifier Development," 2002 ARFTG Conference Digest, Washington, D.C., Dec. 5-6, 2002, 4 pgs.	
	СН	BENEDIKT et al., "High-Power Time-Domain Measurement Bench for Power Amplifier Development," Powerpoint presentation given at 2002 ARFTG Conference, Washington, D.C., Dec. 5-6, 2002, 30 pgs.	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

US and Foreign Patent Documents: 1Unique citation designation number. 2See attached Kinds of U.S. Patent Documents. 3Enter Office that issued the document, by the twoletter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Other Prior Art/Non-Patent Literature Documents: 1Unique citation designation number. 2Applicant is to place a check mark here if English Translation is attached.

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